

Are these 10 new battery technologies poised to disrupt the market?

According to a report by Chicago-based research intelligence firm PreScouter, these 10 new battery technologies are capable of disrupting the market over the next decade and ushering in the next wave of high-performance batteries.

Who owns the battery industry?

The battery industry is dominated by Asian companies such as China's Contemporary Amperex Technology (CATL) and BYD, South Korea's LG Chem and Samsung, and Japan's Panasonic. Just eight Asian companies control 58% of global battery supply, according to Benchmark Minerals, a data company.

Will battery swapping & home charging share the market by 2030?

"By 2030, battery swapping, home charging, and public charging stations will share the market," Robin Zeng, the CEO of CATL, predicted at a splashy presentation in southeast China's Fujian province, where CATL is based.

Did Volvo buy Proterra battery business?

Volvo acquisition of Proterra battery business, which was made at a purchase price of USD 210M before adjustment for inventory level at closing, includes a development center for battery modules and packs in California and an assembly factory in Greer, South Carolina.

Will China get into battery swapping?

XIAMEN, China (AP) -- The world's largest maker of batteries for electric vehicles said Wednesday it will get into battery swapping in China in a big way starting next year. The idea behind battery swapping is to refuel quickly, similar to filling a conventional car with gas.

Why do people swap batteries?

Wang Wubing, a driver at China's popular Didi ride-hailing service, said at an EVOGO station in the city of Xiamen that he swaps batteries to save time so he can pick up more customers. But it is more expensive than charging. Both CATL and Nio have announced agreements with automakers to use their swap stations.

Heavy-duty EV manufacturer Nikola is acquiring Romeo Power, an energy technology company that designs and manufactures lithium-ion battery modules and packs for commercial electric vehicles. They reached an agreement for Nikola to acquire Romeo Power ...

At the current stage, lithium titanate technology using a spinel  $\text{Li}_4\text{Ti}_5\text{O}_{12}$  anode is not considered for high-energy batteries and long driving ranges by electrochemistry specialists, but it can be considered as an alternative technology, especially when fast charging is needed (e.g., in electric buses; see Toshiba SCiB(TM) technology) (Toshiba, 2022, Nemeth et ...

Acquisition Overview. Battery X Metals acquires LIBRT, enhancing lithium battery lifespan and diagnostics. LIBRT's tech extends battery life by 2-3 years, leading the ...

American Battery Technology Company, a leading integrated critical battery materials firm, recently disclosed it ...

The recent wave of acquisitions in the battery technology sector has significant implications for energy management and optimization. By integrating advanced battery recharging technology and energy optimization solutions, companies can enhance the performance and efficiency of energy storage systems across various applications. This ...

An EV driver pulls into a swapping station, and automated technology exchanges the low battery for a fully-charged one the station has available. China-based CATL announced plans to open 1,000 swap stations next year in China, including in Hong Kong and Macao, with a long-term goal of 10,000 stations built with partners. If the company follows ...

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The pace is hotting up. As the lithium-ion battery business grows rapidly over the coming 15 years a vital way of buying time, clout in purchasing materials, routes to market, technology, economy of scale and brand awareness will be acquisitions.

Regenerate Technology Global, Inc., a developer and provider of advanced technologies and services for the global battery-based energy supply chain, announced today that it has acquired Infinion SARL, a Luxembourg company that owns and operates two companies in Sweden providing advanced battery services. The acquisition, expected to close in ...

Epsilon Advanced Materials (EAM) finalized the acquisition of a lithium-ion phosphate (LFP) cathode active material technology center in Moosburg, Germany, making it the first global company capable of providing manufacturers with both cathode and anode materials for lithium-ion batteries.

Epsilon Group Announces Acquisition of LFP Battery Cathode Technology Centre in Germany

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Reliance New Energy has completed the acquisition of the remaining stake in Faradion, a UK-based sodium-ion battery technology company. This move makes Faradion a wholly-owned subsidiary of Reliance Industries. The acquisition is part of Reliance's plan to utilize Faradion's technology in its upcoming energy storage giga-factory in Jamnagar.

Stockholm, Sweden - Northvolt today announced the acquisition of Cuberg, Inc., a U.S.-based battery technology company delivering high-performance lithium metal cells produced on existing lithium-ion manufacturing lines for electromobility solutions.. Cuberg spun out of Stanford University in 2015 with the goal of commercializing next-generation battery technology based ...

SiILion, Inc., a battery technology startup based out of Colorado. The rumors started after a few of the startup's employees were hired by Tesla and the automaker started listing battery ...

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